

10/071, 411.
01-03-05

CJF

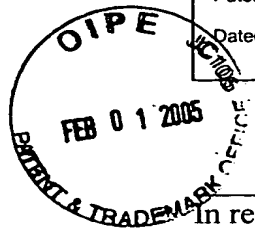
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Dated: February 1, 2005

Signature:

(DeAnn F. Smith)

Docket No.: MRI-021
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Glenn Barnes *et al.*

Patent No.: 6797475B2

Issued: September 28, 2004

For: DETECTION OF POLYMORPHISMS IN THE
HUMAN 5-LIPOXYGENASE GENE

Certificate
FEB 08 2005
of Correction

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Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.322**

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted an omission of Tables which should be corrected.

In the Specification:

At page 23, before the Sequence Listing, please insert attached Tables 1 – 3.

The error was not in the application as filed by Applicants; accordingly no fee is required.


Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

FEB 14 2005

Applicants believe no fee is due with this request. However, if a fee is due, please charge our Deposit Account No. 12-0080, under Order No. MRI-021 from which the undersigned is authorized to draw.

Dated: February 1, 2005

Respectfully submitted,

By 

DeAnn F. Smith

Registration No.: 36,683

LAHIVE & COCKFIELD, LLP

28 State Street

Boston, Massachusetts 02109

(617) 227-7400

(617) 742-4214 (Fax)

Attorney/Agent For Applicants

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6797475B2
DATED : September 28, 2004
INVENTOR(S) : Glenn BARNES *et al.*

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

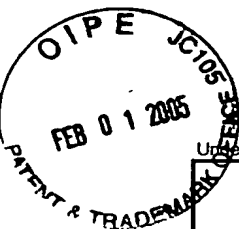
At page 23, before the Sequence Listing, please insert attached Tables 1 – 3.

MAILING ADDRESS OF SENDER:
DeAnn F. Smith, Esq.
LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109

PATENT NO. 6797475B2

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	Patent No.: 6797475B2
		Filing Date	Issued: September 28, 2004
		First Named Inventor	Glenn BARNES
		Art Unit	1637
		Examiner Name	Cynthia Wilder
Total Number of Pages in This Submission		Attorney Docket Number	MRI-021

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Request for Certificate of Correction - Certificate of Correction - Tables 1-3 - Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	LAHIVE & COCKFIELD, LLP		
Signature			
Printed name	DeAnn F. Smith		
Date	February 1, 2005	Reg. No.	36,683

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DATED : September 28, 2004
INVENTOR(S) : Glenn BARNES *et al.*

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At page 23, before the Sequence Listing, please insert attached Tables 1 – 3.

MAILING ADDRESS OF SENDER:
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Boston, Massachusetts 02109

PATENT NO. 6797475B2

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Table 1

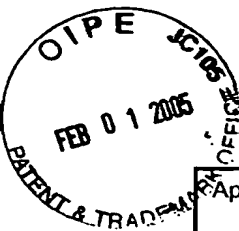
		SNPs and Deletion Variants			
1	2	3	4	5	6
SEQ ID NO.	Polymorphism ID No.	Sequence	Primers	Location and Change	Position and Reference Sequence
4	5lopr1	AGGAGCGCGcGAAACCTTCTC	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 1000
5	5lo01a	TGGACTTAAA(GTTAAA del)TACTTTTGTG	5' upstream reg. elem.	5' upstream reg. elem. Deletion	GI:187166 residue 472-477
6	5lo04a	TCATGTATCCgATTAGAGACT	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 559
KNOWN SNPs					
7	5lonrra	ACTTACTATAgCACTGCGGTA	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 84
8	5lonrrb	TTACAGATCagTGGACTAGAA	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 137

TABLE 2.

SEQ ID NO:	Residue/ Reference Sequence	Probe Sequence
64	1000/GI 187166	AGGAGCGCGCRAAACCTTCTC
65	472-477/GI 187166	TGGACTTAAA(GTTAAA)TACTTTTG
66	559/GI 187166	TCATGTATCCRATTAGAGACT

Table 3.

<u>Exon</u>	<u>SEQ ID NO:</u>	<u>Sequence (5' -> 3')</u>	<u>Product Length</u>	<u>Polymorphism ID No.</u>
1	9	GGGCCAGGGACCACTGGT	296	
	10	AACCGGGTCCCGGACGCA		
2	11	AGGCTCAGGAGACCACGCA	356	
	12	TCCCGCCCCCTGCACAG		
3	13	CATTGGGCATTGTTATTGTTCTTC	313	
	14	AGTTGTAGGTAAGGTGAAGTTTGGG		
4	15	TCGTCTGACAGTGTGGGCG	294	
	16	CCATGAGGAAAGGAGTGAGGGT		
5	17	TGGTGTGAAGGGGCTCTGC	244	
	18	AAGTATCAGACAGGAGAGCAGCATC		
6	19	GCCTCGCTTTTCTCCTGGTAG	213	
	20	CCACTTCCCCAGCCCATCA		
7	21	GATTTTTGGTCCGTCTGCTGAG	228	
	22	GAAAGGTGTGCCCCCAG		
8	23	TTTCCTTTCCCCAATGTATCA	246	
	24	GGGCGGTAGCTGGCTGTA		
9	25	GAGCTGCGGGTCCCTGAG	226	
	26	AGATAGGGAGTGAAGGCGGC		
10	27	AGCCACCCGCTCAGGGCA	266	
	28	AGGCAGGGGTCCCGGCT		
11	29	TCCGCAGACCTGGCTGG	242	
	30	GAGGGGTGGCGGAGGG		
12	31	CCGGTGGTTCCACCCTAG	177	
	32	GGGAGGAGGCAGCGGCCTT		
13	33	TGCTGGCGGTCTGCTCC	210	
	34	CGCCCTGCCAGCTTC		
14/3' UTR	35	TGGGATGATTATTTTCTGTTCTATTG T	292	
	36	GAGTAGACACTGCTTGAGGGAAAAA		
14/3' UTR	37	GCGTCCTGTCCACACCCA	209	
	38	TGAACTGATTATTTTATGGAACC		
14/3' UTR	39	GCCCGATTCCGCAAGAAC	228	51o7a
	40	GAGGAAGAGATGTGACTGCCAAGA		
14/3' UTR	41	CAGTTTACACGGGTAGTGGATTGAC	340	
	42	GAAGAGATGTGACTGCCAAGAGG		
14/3' UTR	43	CCTCTTGGCAGTCACATCTCTTC	252	
	44	ACAAATAGAACAGAAAATAATCATCCC A		
5'UTR/prom	45	CTAACTCAAAATGGGTCACGGAT	217	51o1a
	46	ATTGCTTCTGCGGGTTGTGT		
5'UTR/prom	47	GAGAGCCGACCCGTGACC	212	
	48	GCTGATACTGAGGATGGATTCTGG		
5'UTR/prom	49	TGAAAACACAACCCGAGAAG	216	51o4a
	50	TGCACCTGGCAAATGGCTT		
5'UTR/prom	51	AAAGAACAGCGTTGGTGGAT	255	51onrra, 51onrrb
	52	CAAATTCATTGTGTTGCATGTG		
5'UTR/prom	53	AACTTAGCCGAGATCAATACACGC	172	
	54	GCAAATGCCTGGAAGGGTG		
5'UTR/prom	55	GCACAAACCAAGACAGTATGAGG	112	
	56	CGGCGGGGATGTGAAGTC		
5'UTR/prom	57	TGGCACTGAGAACTTGGGGA	192	
	58	ACTGGGGCAACCTCGGCT		
5'UTR/prom	59	GCTCCAGAATCCATCCTCAGTATC	154	
	60	GCCTCTGCTCTCCCAAGTTC		



Application No. (if known): 10/071411

Attorney Docket No.: MRI-021

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on February 1, 2005
Date

Signature

DeAnn F. Smith

Typed or printed name of person signing Certificate

36,683

Registration Number, if applicable

(617) 227-7400

Telephone Number

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